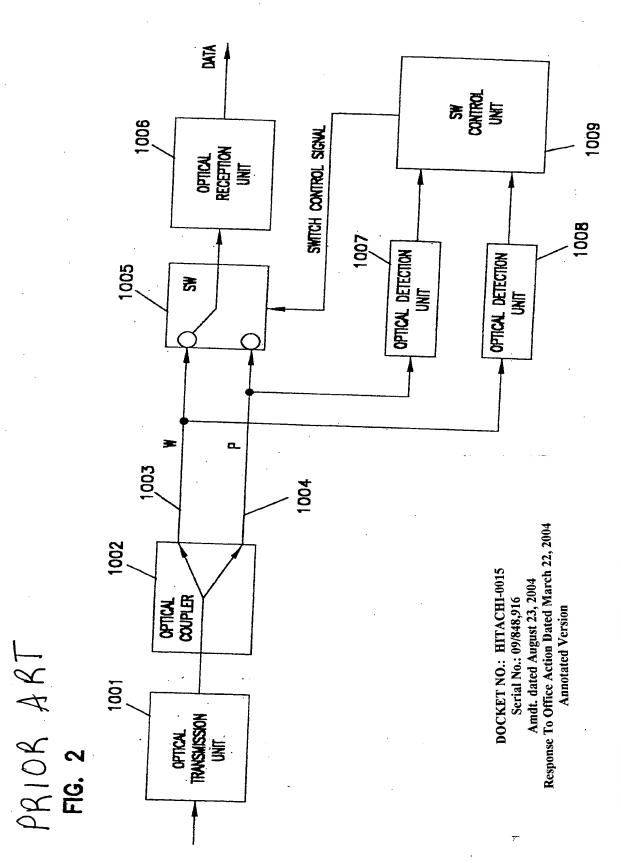


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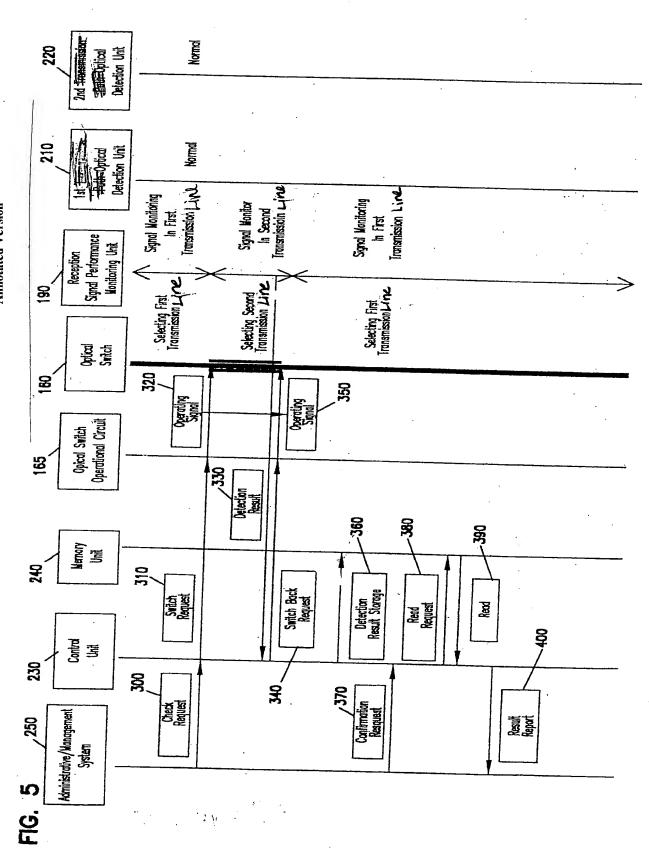


Fransmission Unit E/0 3 Received Data Electrical Signal Signal Quality Monitoring Info. 8 Memory Ē Reception
Signal Performance
Monitoring Unit 235 Read/Write Signal 8 Electrical Reception Signal 175 Operational Request 23 Safa Optical Signal Reception Unit Ē O/E Optical Signal Optical Strength Monitor Information Communication Administrative perational Circuit Opical Switch 沒 ĸ Optical Switch Detection Unit Detection Unit 39 1st Optical Administrative/Vanagement 280pm ន្ត Monitor Information Optical Strength System Optical Coupler Optical Coupler 215 Transmission Line Transmission Line 竪 Second E X 图 Optical Coupler Optical Signal Transmission Unit E/O . ≅ Transmission data Electrical Signal

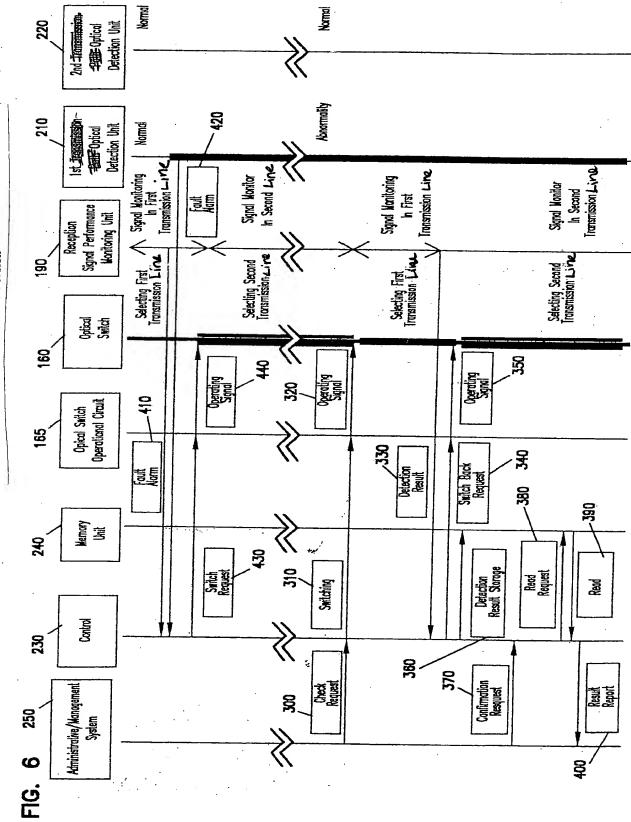
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DOCKET NO.: HITACHI-0015

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FIG. 7

Administrative/Monagement

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Normal PMF-Optical Detection Unit 3 Response To Office Action Dated March 22, 2004 210 Detection Unit Karma Amdt. dated August 23, 2004 Transmission Cline Transmission Lix Signal Monitor In Second Transmission Line Serial No.: 09/848,916 Transmission Cire Signal Monitoring Signal Monitoring Annotated Version Signal Monitor 표 In Second Signal Performance Venitoring Unit Reception Selecting First Transmission Line Selecting Second Transmission Line 130 Selecting Second, Transmission Life Selecting First Transmission Line Sign Sign 8 320 350 Operating Stand Single Single 320 Operating Seating Sereling Sereling Dentional Circuit Opical Switch 165 別が 34 Switch Bock Request Switch Back Request Rection Result Detection Result Hemory 뽈 Detection Result Storage Detection Result Storage 380 Seiter Request Selection of the select Control

Report

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Transmission Live

Selecting First Transmission Line

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Confirmation Resquest

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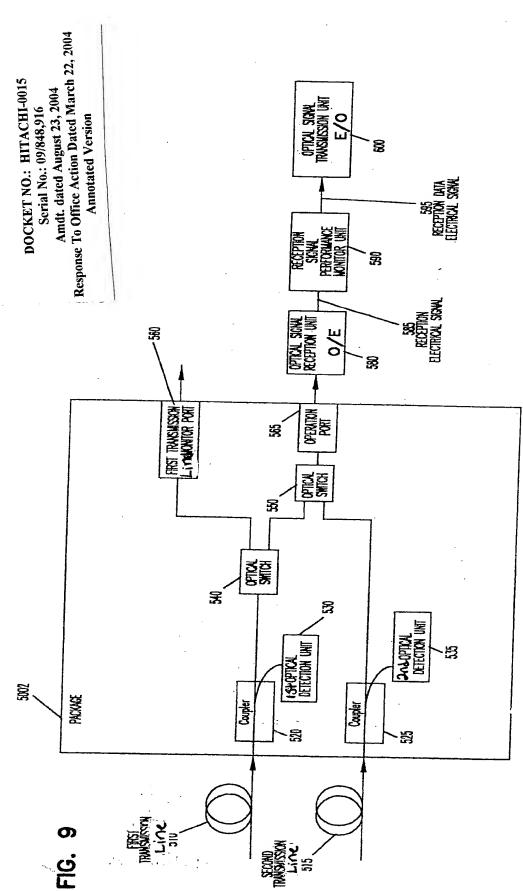
Report

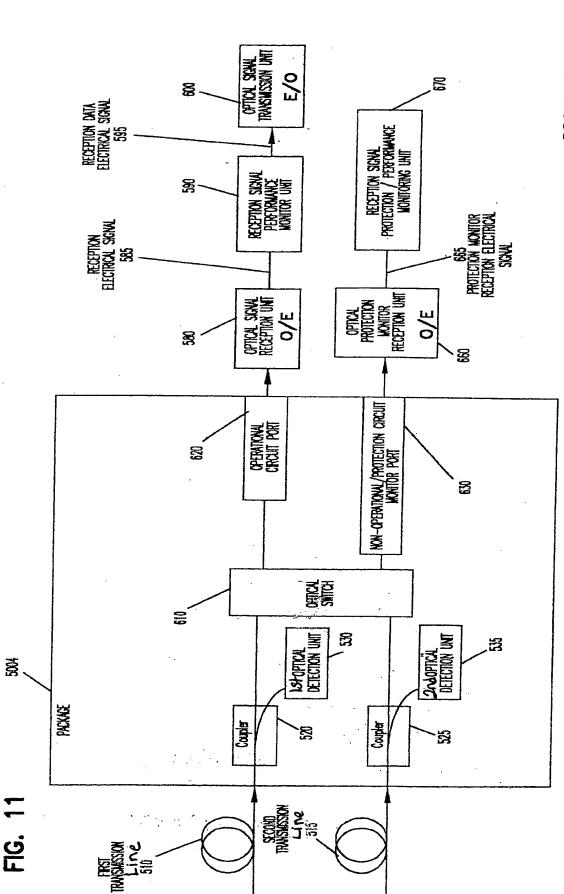
Signal Monitoring

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Normal







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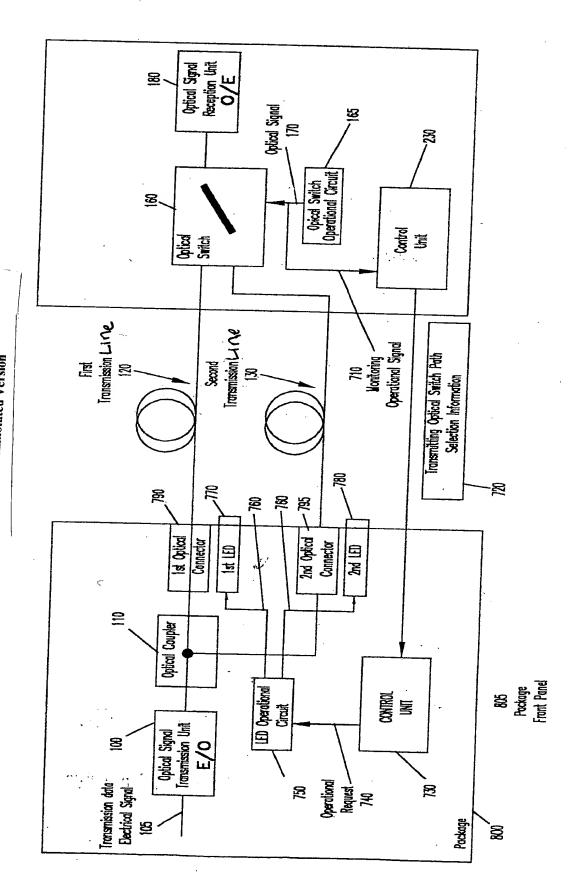
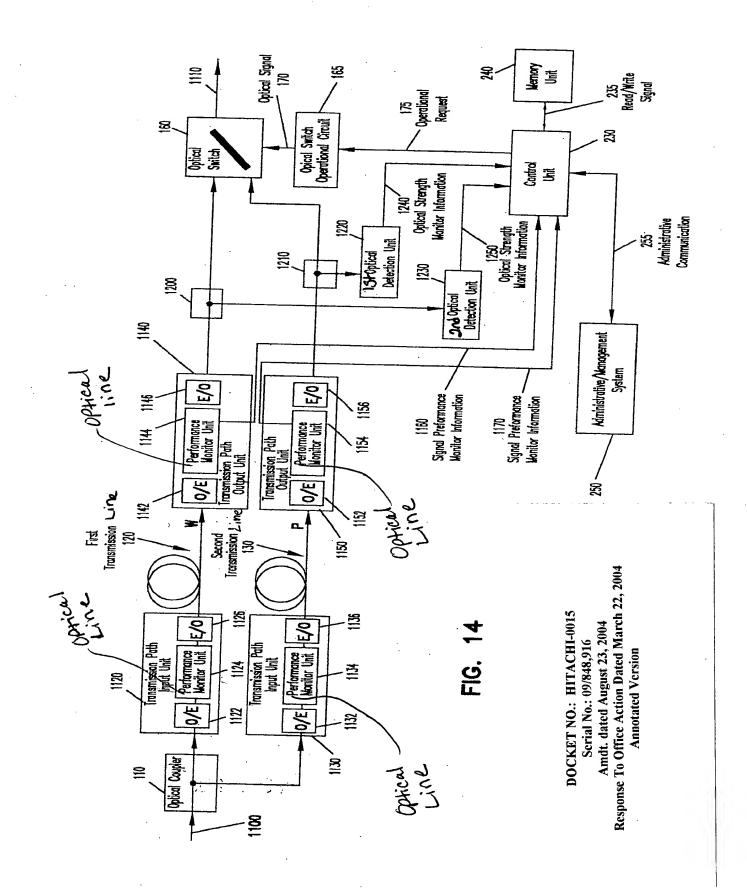
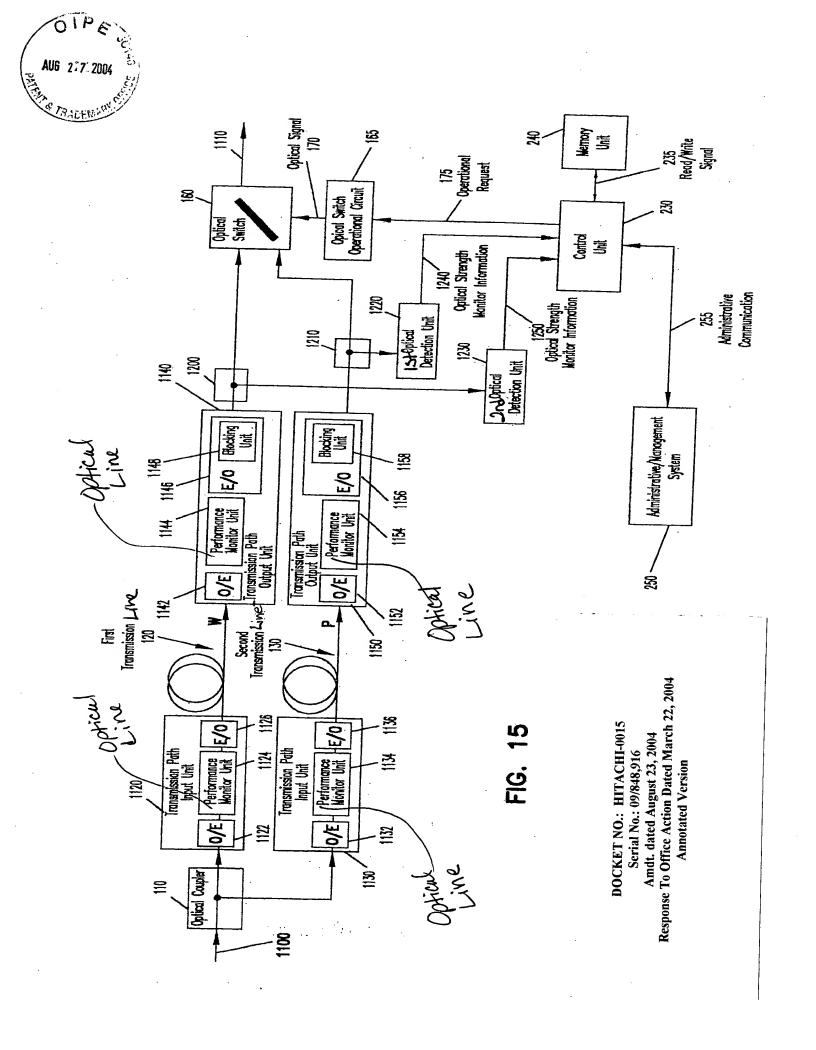
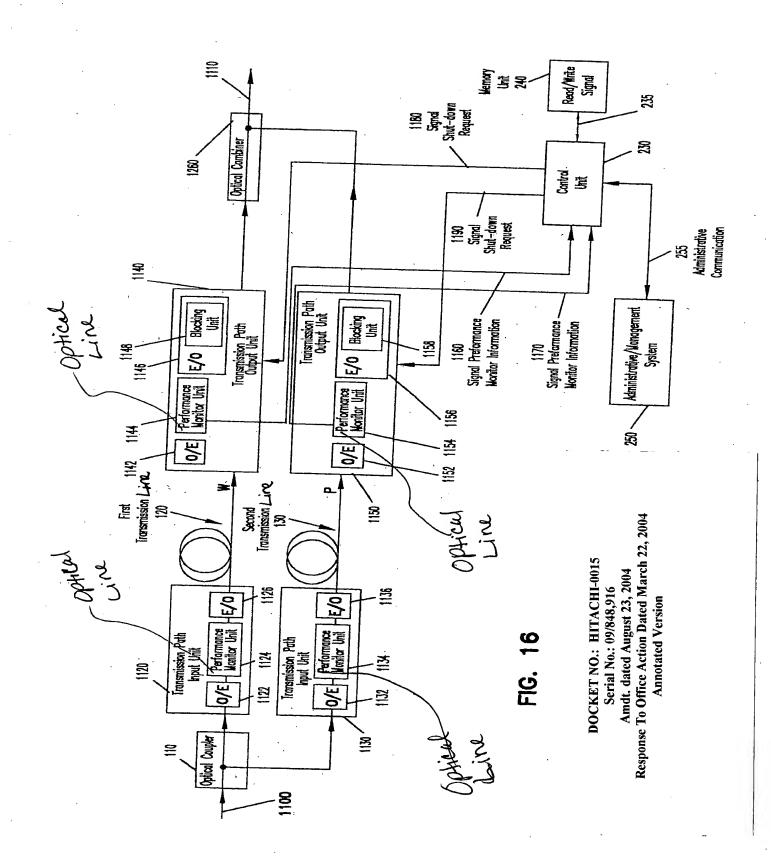


FIG. 12

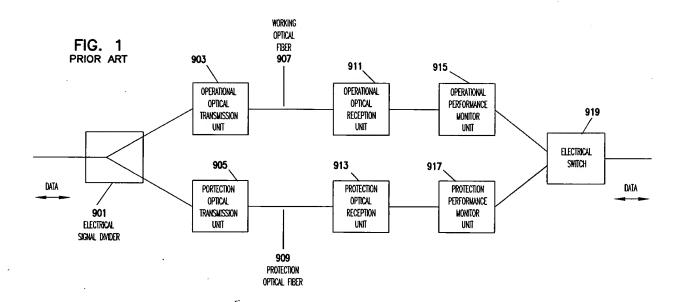






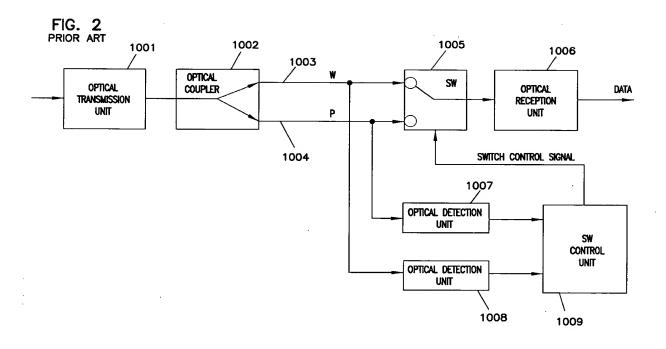




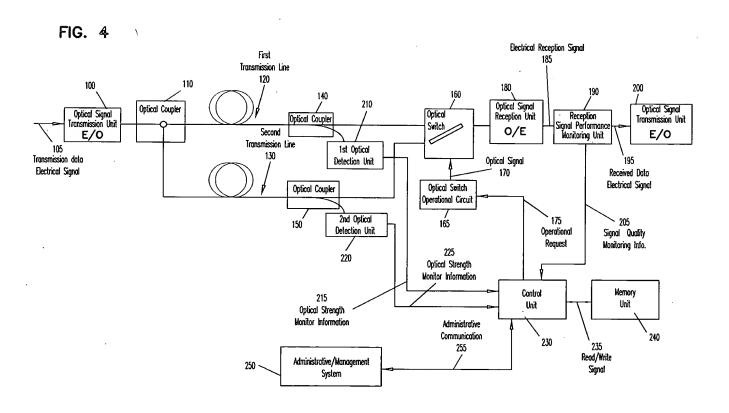


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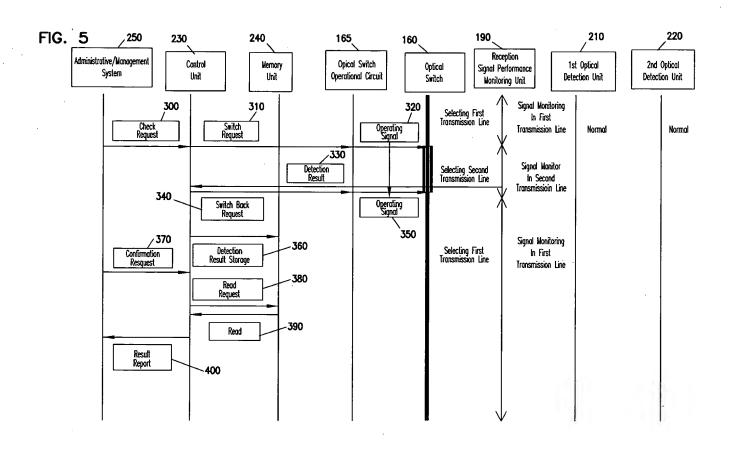




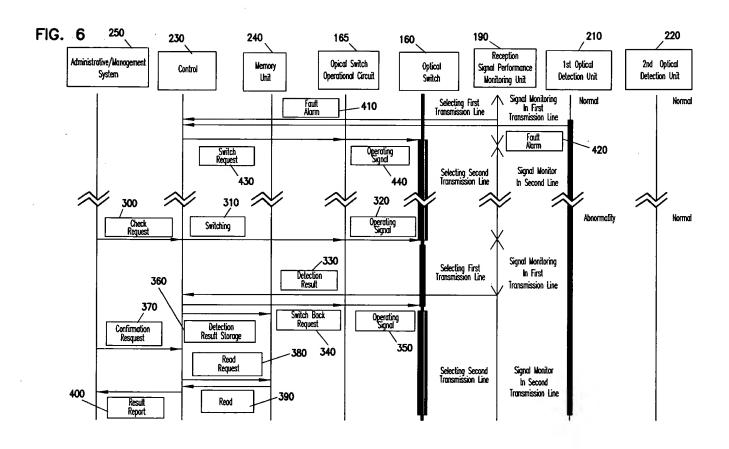




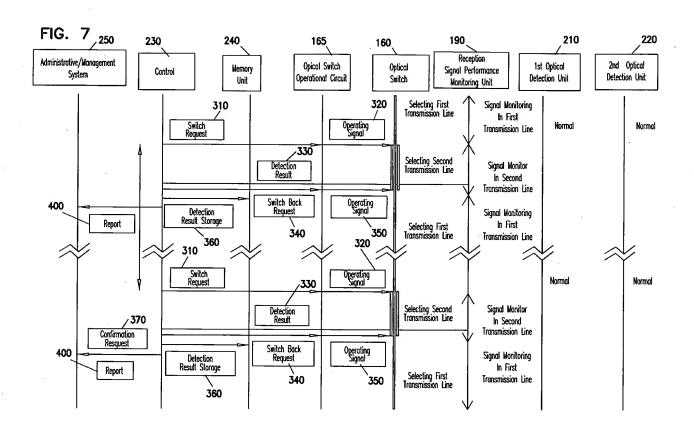




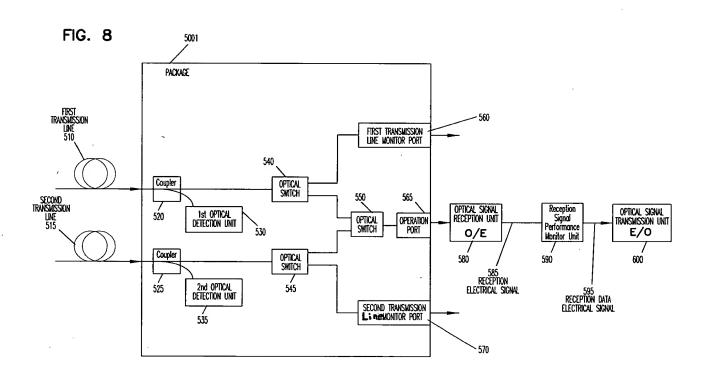




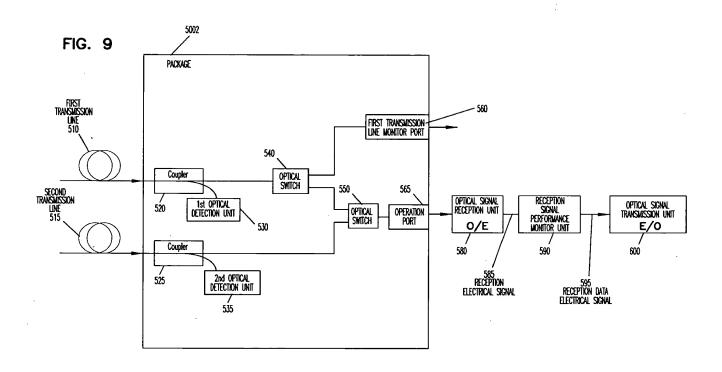




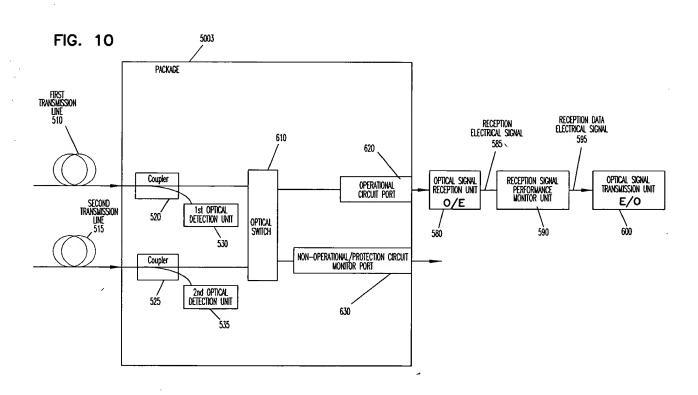














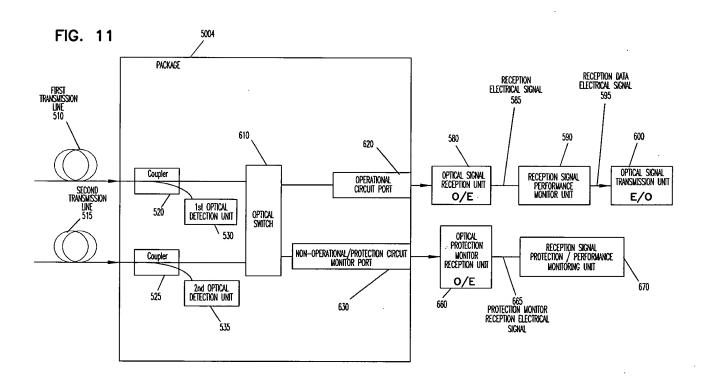




FIG. 12

